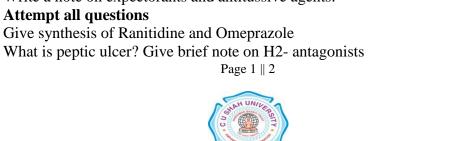
	Enrollm	ent No:	Exam Seat No:			
		CUSHAH	UNIVERSITY			
		Summer Ex	kamination-2018			
	Subject Name: Pharmaceutical Chemistry-IV (Medicinal Chemistry-I)					
	Subject	Code: 4PS04PCH4	Branch: B.Pharm			
	Semester	r: 4 Date : 03/05/2018	Time: 10:30 To 01:30	Marks: 70		
	Instruction	ons:				
			any other electronic instrument is pro	hibited.		
		Instructions written on main answer	•			
	(3) Draw neat diagrams and figures (if necessary) at right places.					
	(4)	Assume suitable data if needed.				
Λ 1		Define the fellowing towns		(14)		
Q-1	a)	Define the following terms Drug Therapy		(14)		
	b)	Pro-drug				
	c)	Antiemetics				
	d)	Laxatives				
	e)	Acute bronchitis				
	f)	Decongestants				
	g)	Sodium iothalamate				
	h)	Prokinetic agent				
	i)	Mucolytics				
	j)	Give structure and chemical name				
	k)	Give structure and chemical name				
	l) .	Give structure and chemical name				
	m)	Give structure and chemical name				
A 44 =	n)	Give structure and chemical name	of Theophylline			
Atte	empt any 1	four questions from Q-2 to Q-8				
Q-2		Attempt all questions		(14)		
	a.	What is Medicinal Chemistry? Given	ve importance of Medicinal chemist	in drug (7)		
		Development				
	b.	molecules	nd ionization affects biological activ	vity of drug (7)		
Q-3	}	Attempt all questions		(14)		
	a.		mental factors affecting drug metabo			
	b.	Explain Drug receptor interaction	ın brief	(7)		
Q -4		Attempt all questions	- vv.:4h - vv. overel -	(14)		
	a. 5	Classify and explain Bioisosterism	<u> </u>	(7)		
	b.	Write a note on expectorants and a	antitussive agents.	(7)		

a.

b.

Q-5



(14) (7)

(7)

Q-6		Attempt all questions	(14)
	a.	Give SAR of antihistaminic agents	(7)
	b.	Differentiate classify and explain Antacids and Antisecretory agents	(7)
Q-7		Attempt all questions	(14)
	a.	What is asthma? Write in detail about antiasthmatic agents	(7)
	b.	Write in brief about eicosanoid biosynthesis	(7)
Q-8		Attempt all questions	(14)
	a.	Give a note on radiological contrast media. Give synthesis of diatriazoic acid	(7)
	b.	What is an antidiarrhoeal agent? classify and explain antidiarrhoeal agents with examples.	(7)

